

PH\_N PH\_N+1 PH\_N+2 PH\_N+3 CLK

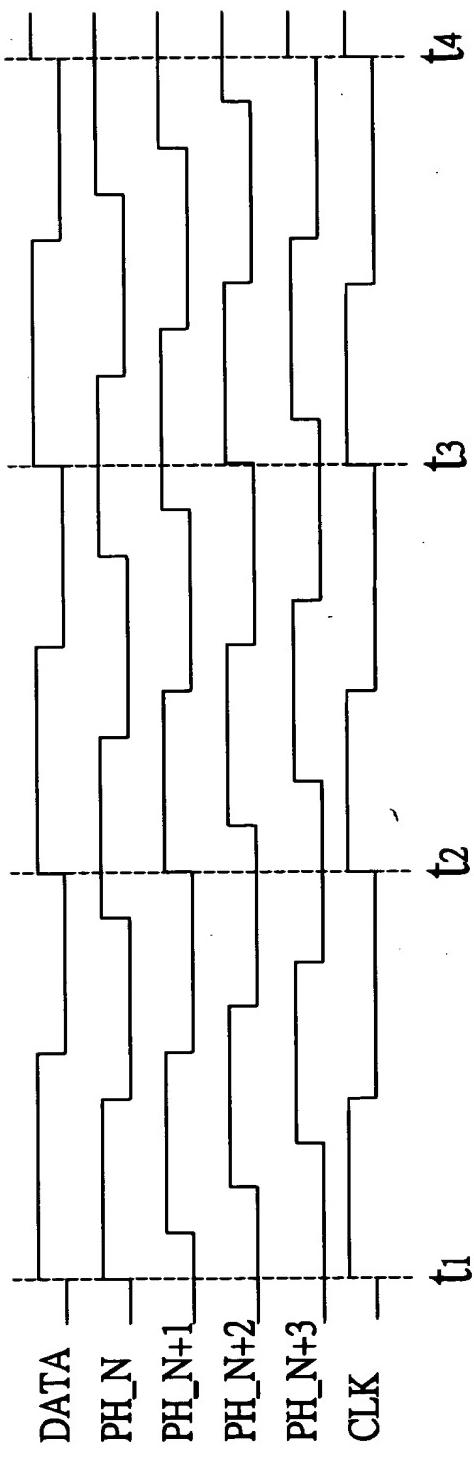


FIG. 1(Prior Art)

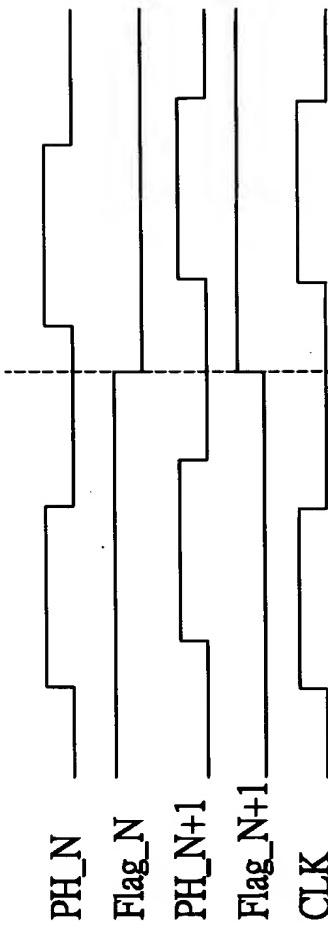


FIG. 2(Prior Art)

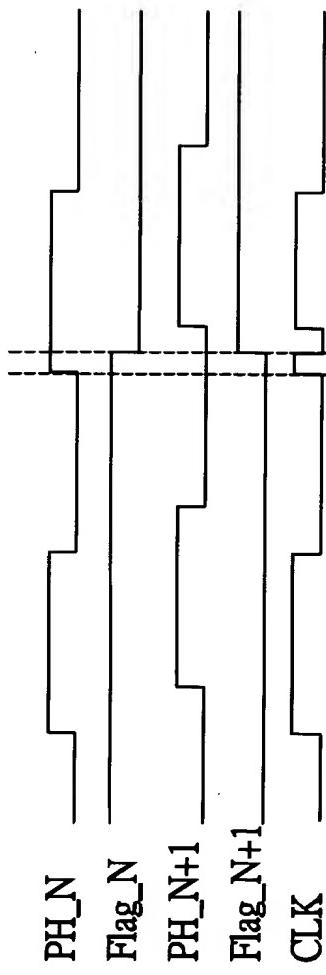


FIG. 3(Prior Art)

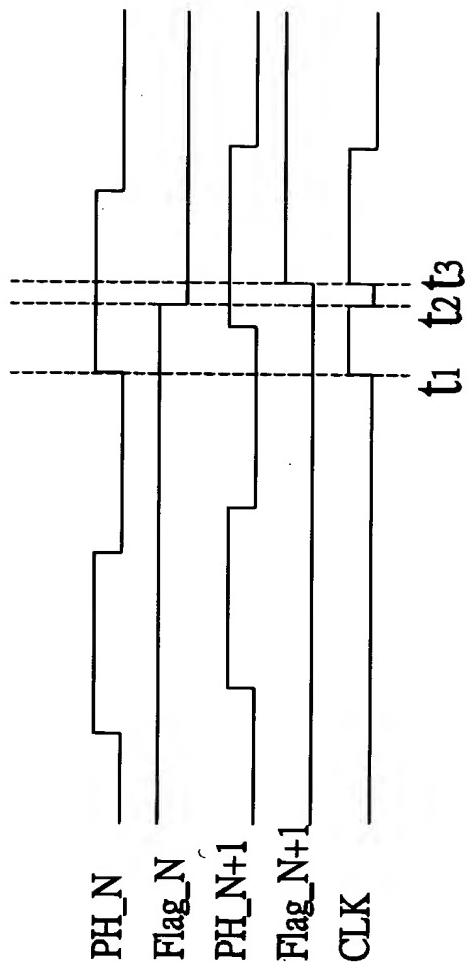
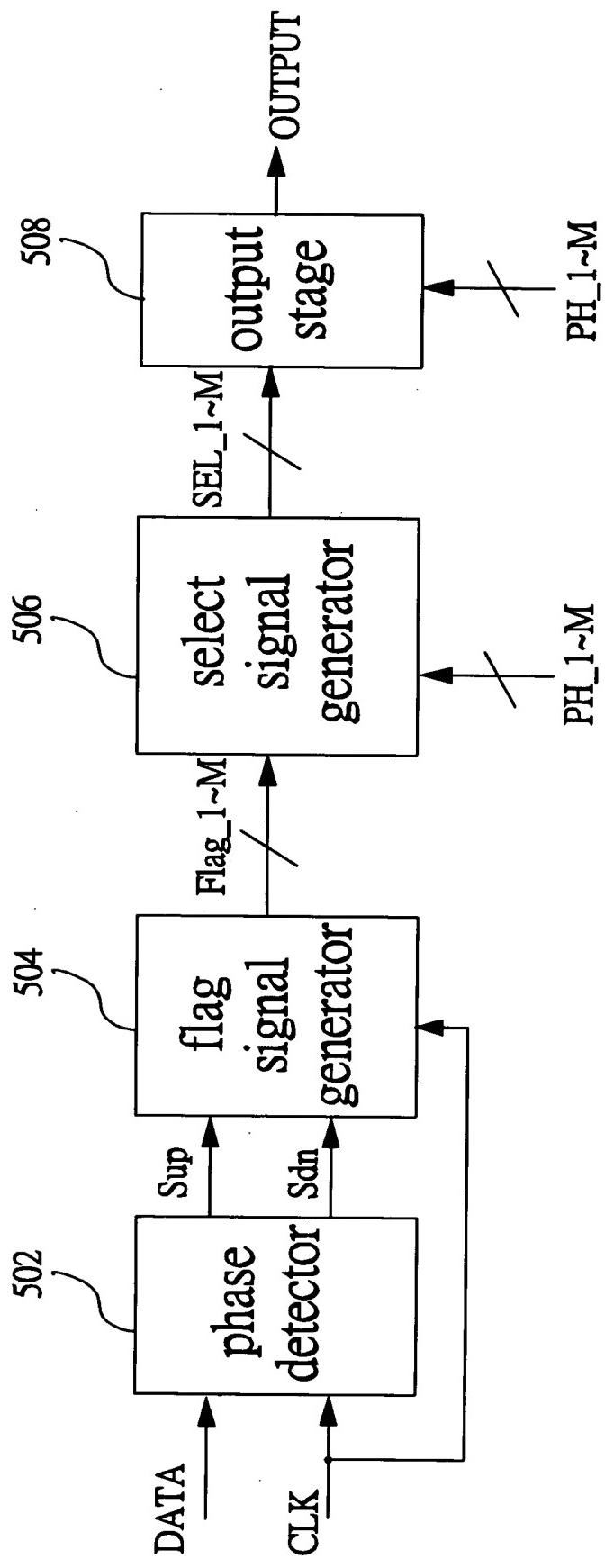


FIG. 4(Prior Art)

FIG. 5



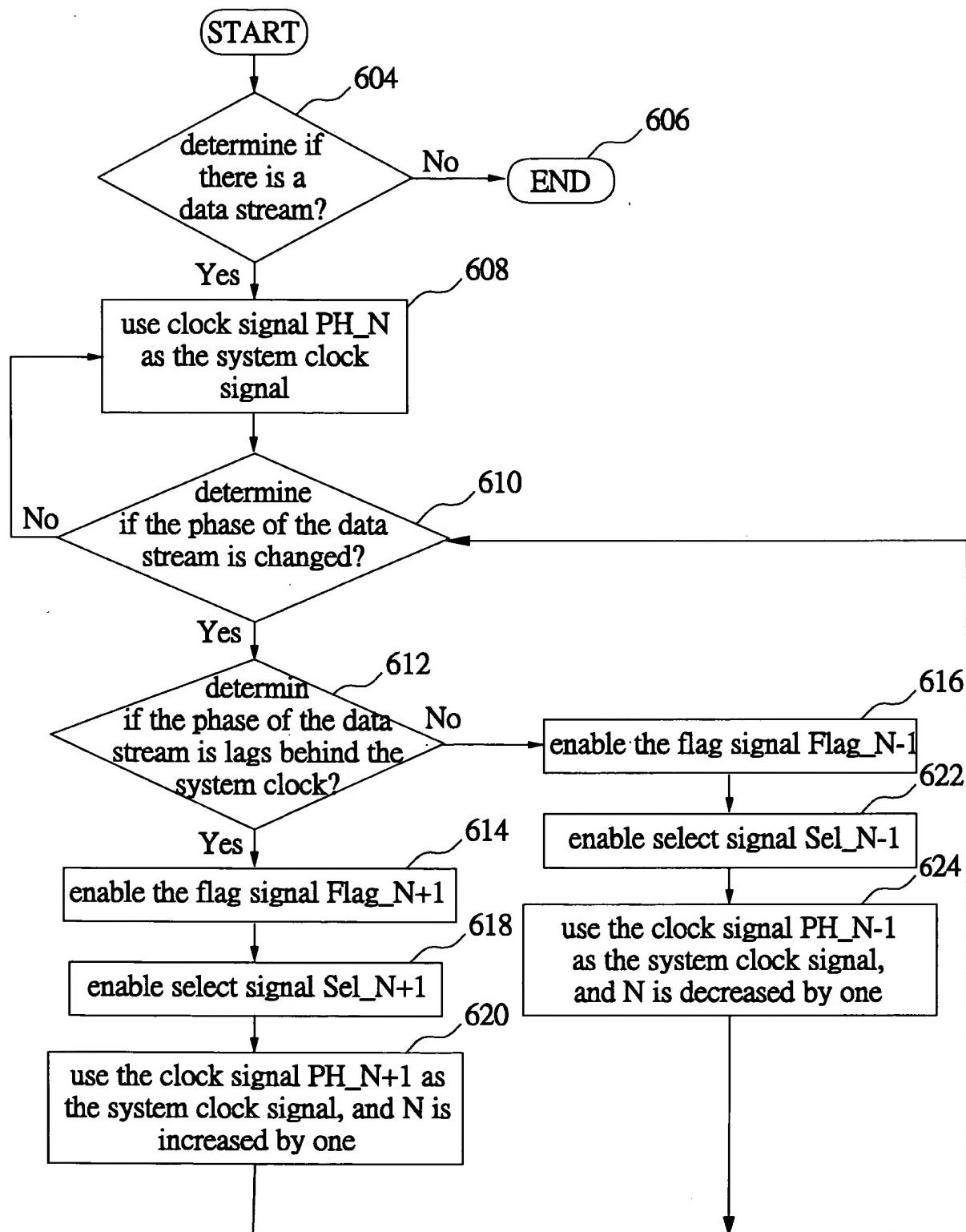


FIG. 6

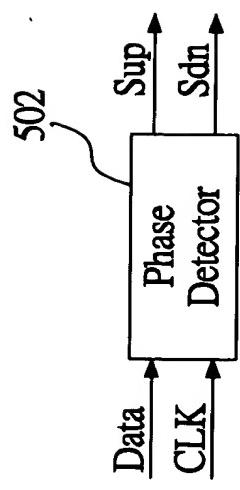
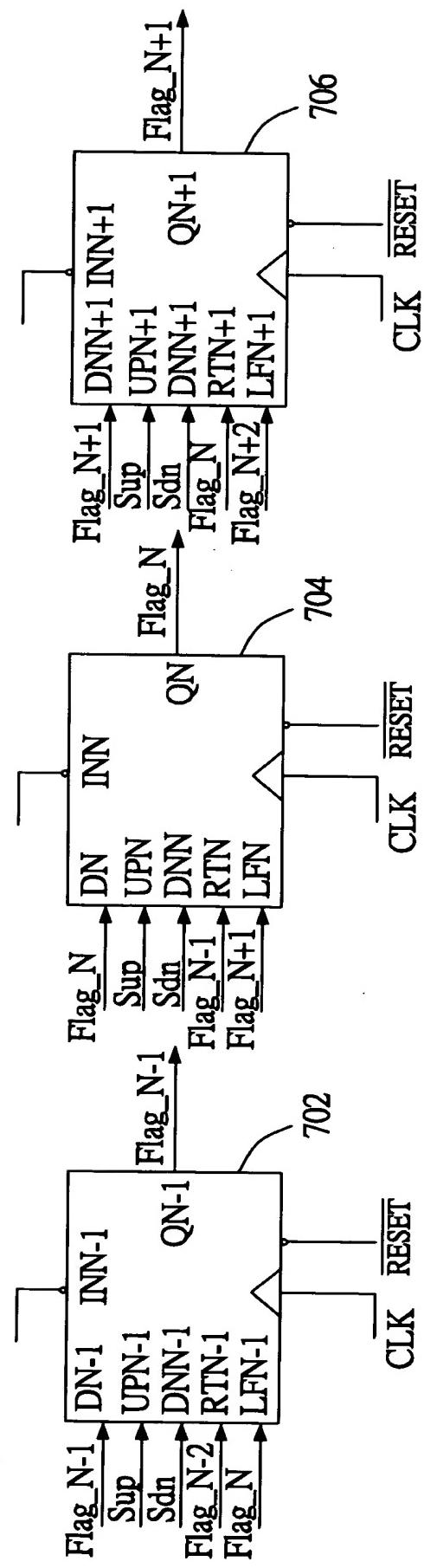
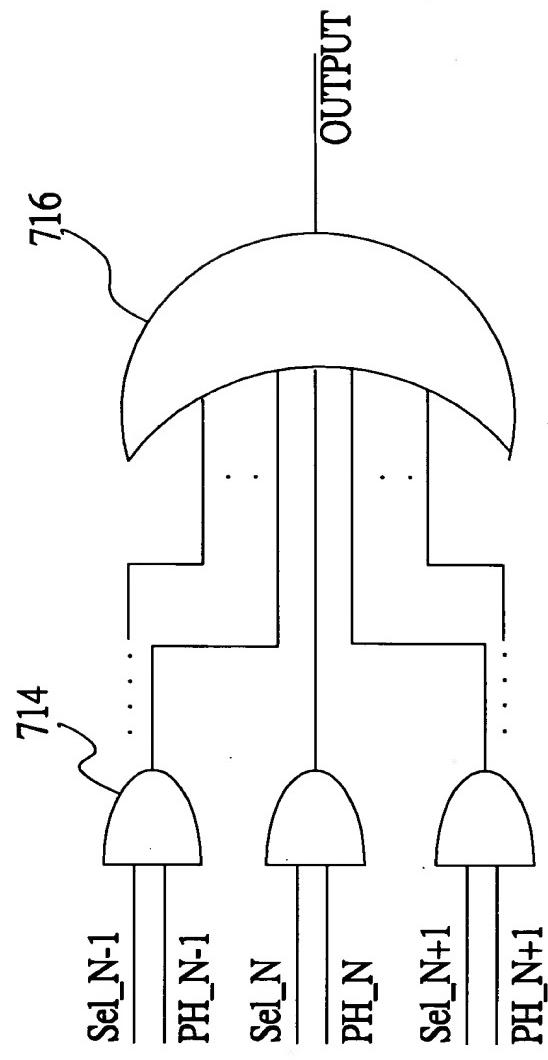
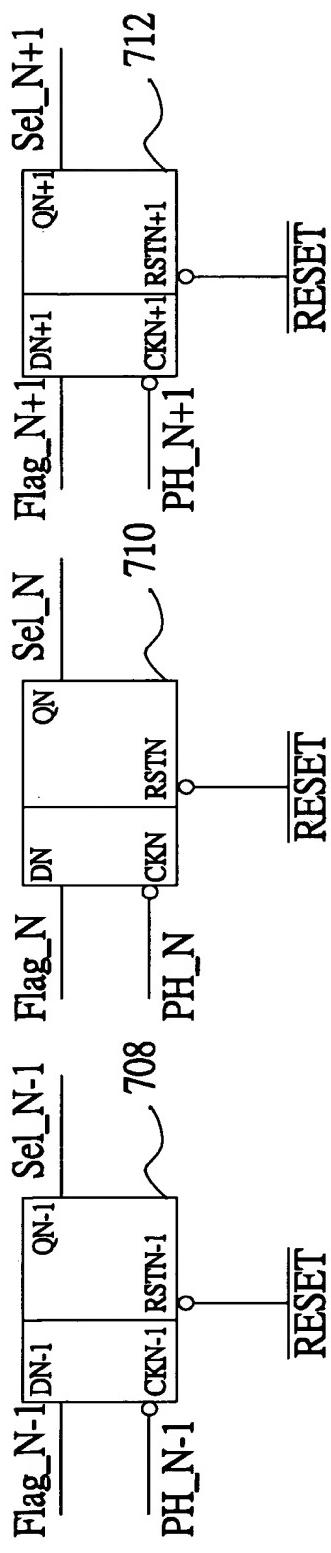


FIG. 7A





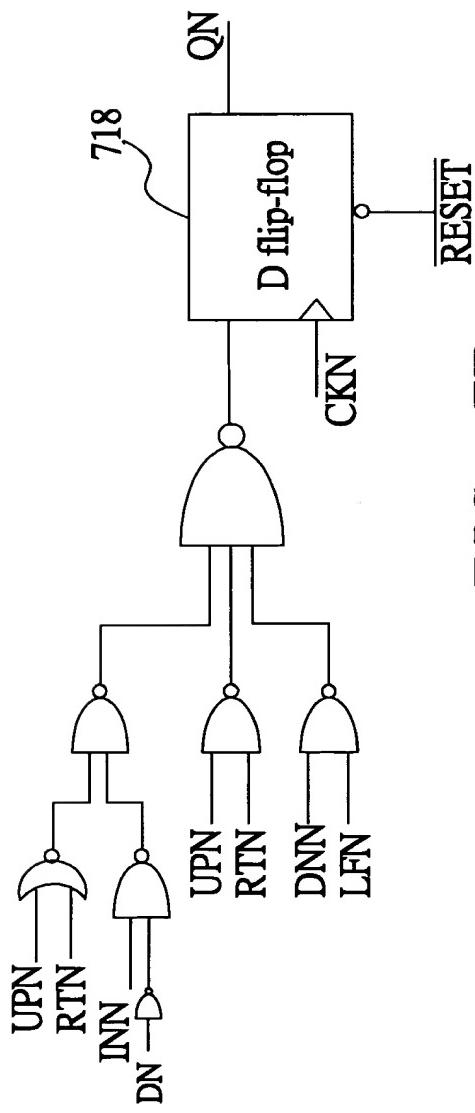


FIG. 7E

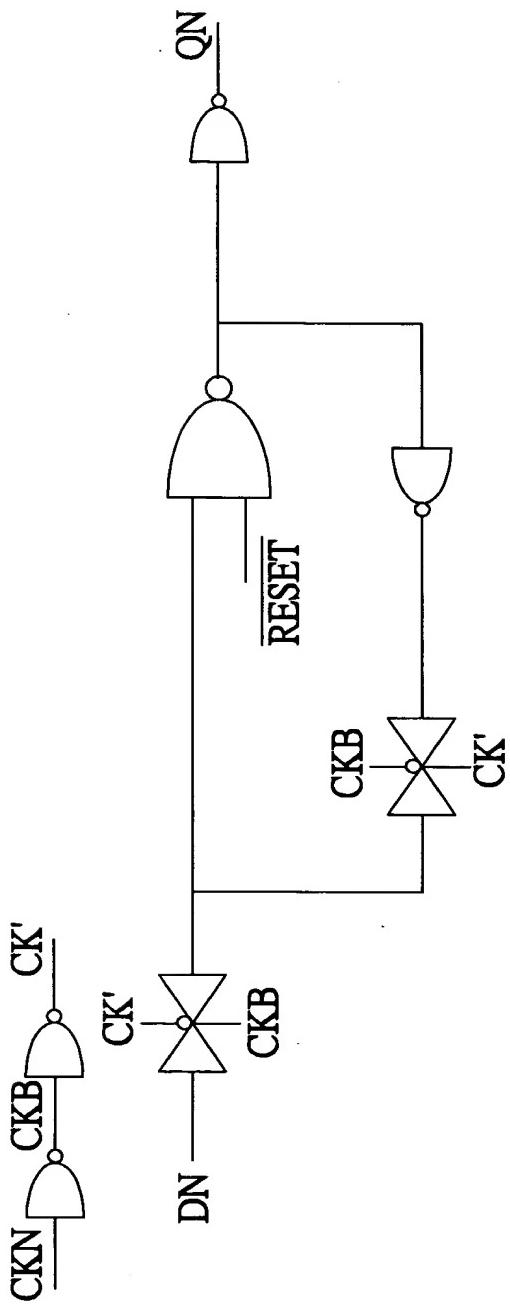
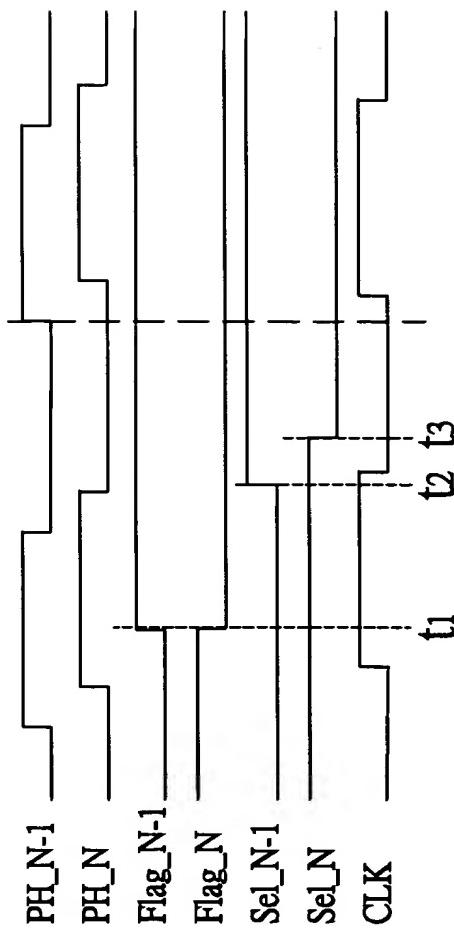
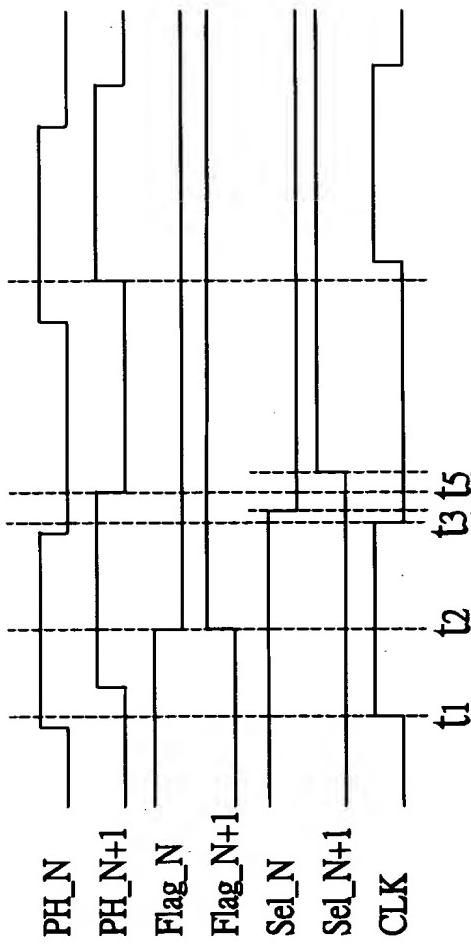


FIG. 7F



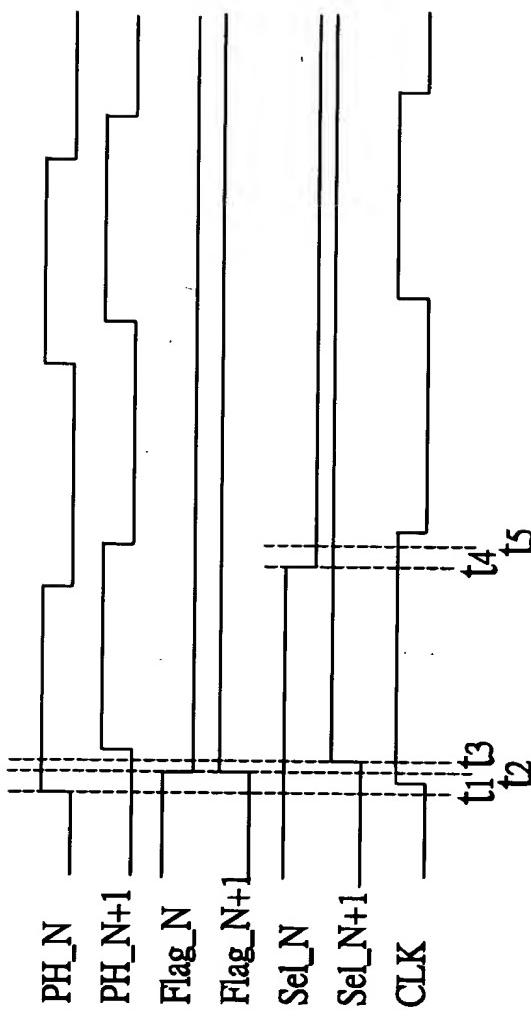


FIG. 8C

PH\_N PH\_{N+1}

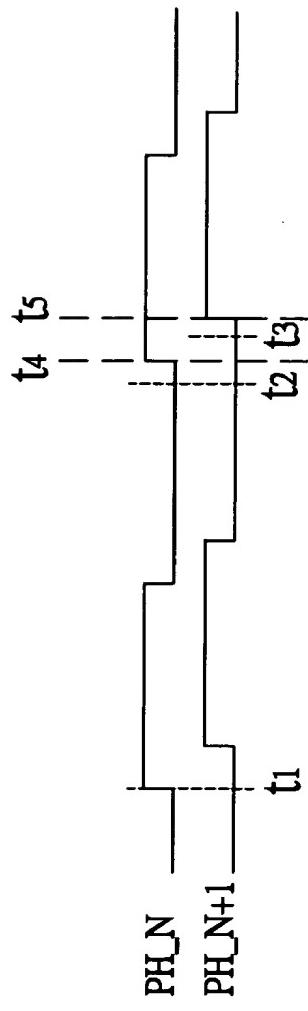


FIG. 9A

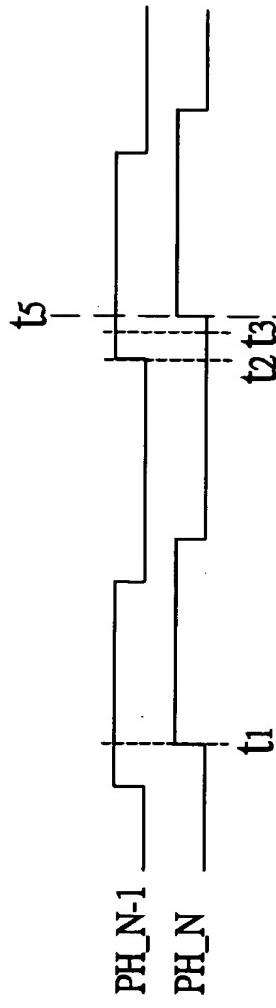


FIG. 9B



FIG. 10A

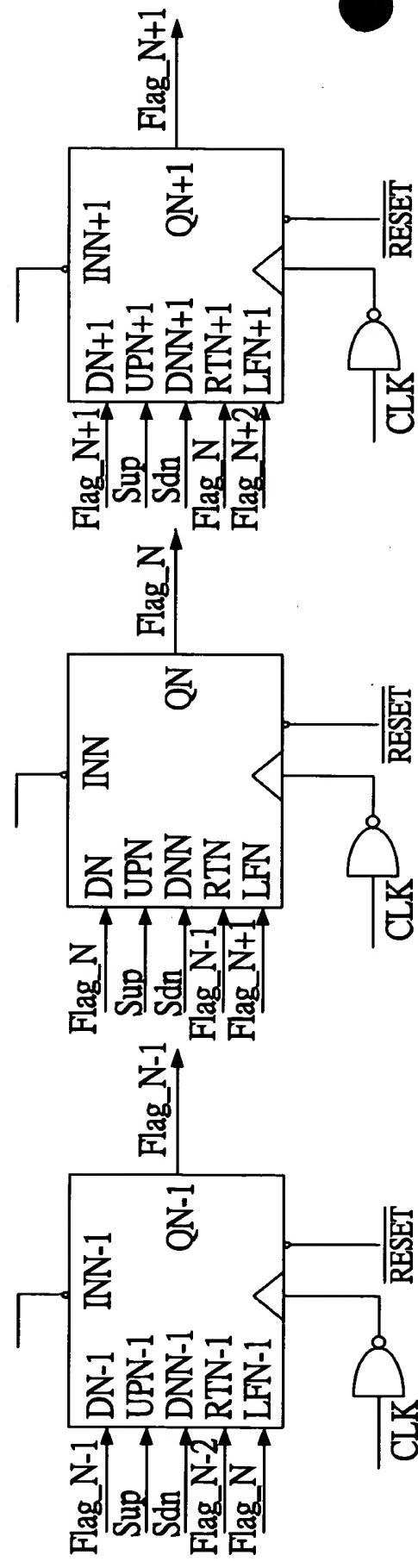
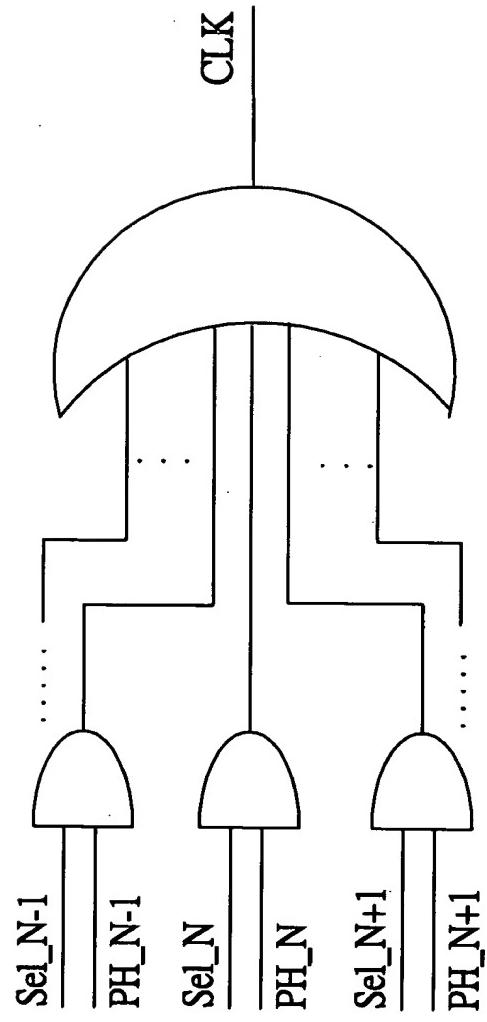
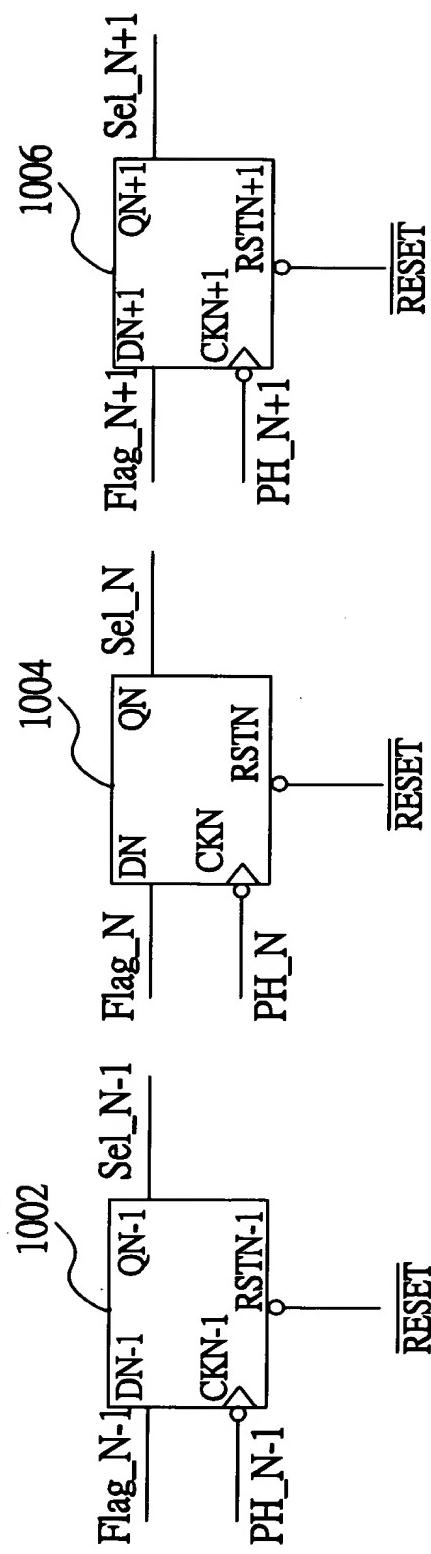
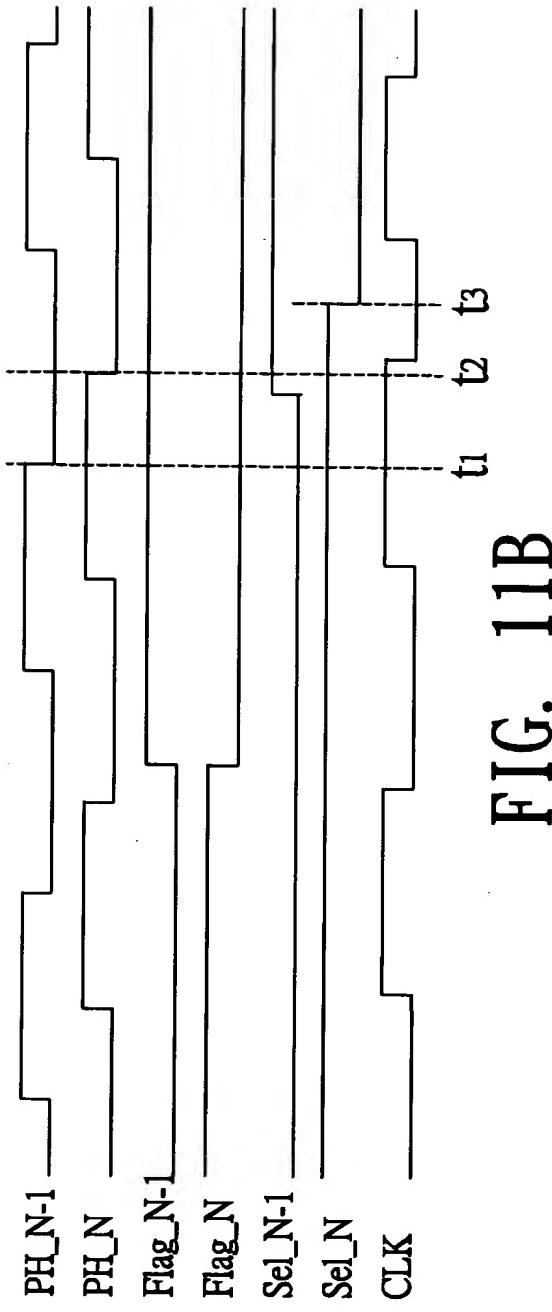
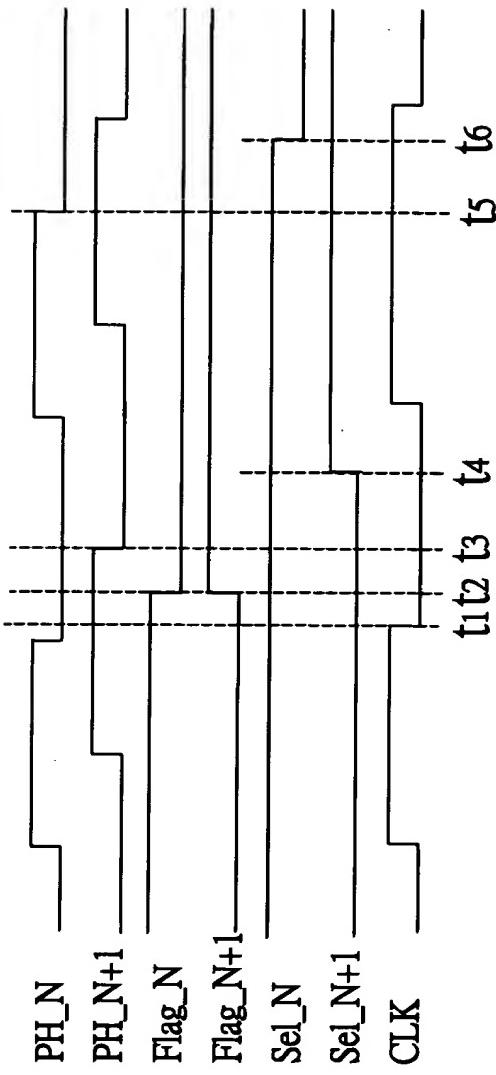
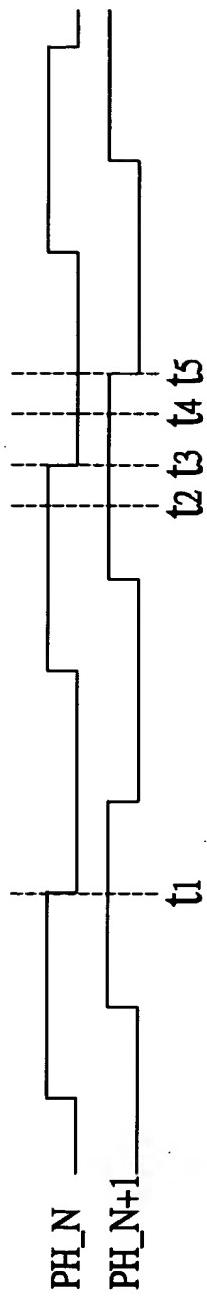


FIG. 10B







**FIG. 12A**

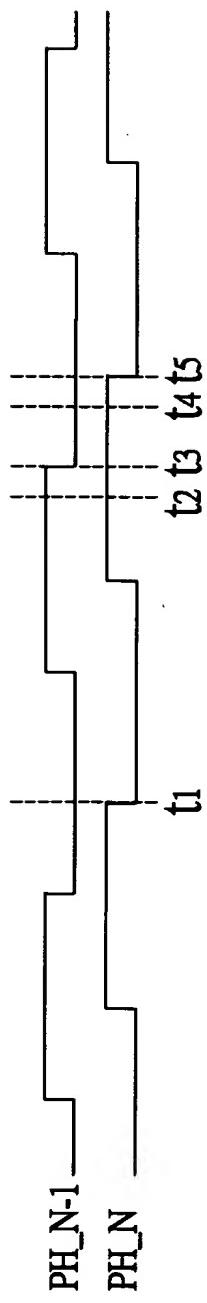


FIG. 12B